Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. **1st & final bill** Date.....20.....

Division: Yelahanka Projects.

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No.....

Name of Work: **Package-1** 1.Improvement of drains and resurfacing to roads in SFS 208 area in ward no.03, Attur.
2.Improvement of drains and resurfacing to roads in SFS 407 area in ward no.03, Attur.
3.Improvement of drains and resurfacing to roads in SFS 707 area in ward no.03, Attur.
4.Improvement of drains and resurfacing to roads in Industrial area in ward no.03, Attur.
5.Improvement of Roads and drains in CHS 707 area in ward no.03, Attur.

Job Code No: 003-18-000044, 003-18-000045 003-18-000046 003-18-000047 & 003-18-000048.

Est. cost: 750.00 lakhs

Name of Contractor and Full Address : Sri. BB Umesha (M/s SMLP Constructions & Asphalt).

Work Order No: EE/Project/YNKZone/WO/193/2017-18. **, Dated :** 23.03.2018.

Certified that the measurements were taken by me on..27/7/18.....and recorded in pages...162436-162446 of measurement Book No...40/2017-18..... and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

27/7/18

Certified that the measurements were taken by me on...27/7/18..... and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer 27/7/18

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No.....
   date .....less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied

Total Rs.	8,49,58,031-00
IT -	16,99,161-00
Cess -	8,49,580-00
CBF -	84,958-00
Adjn.	26,33,699-00
Cheque:	8,23,24,332-00

Contractor's Signature

Received Rs.....(in words)

By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated.....Signature of Contractor

(For use in the Office)

Audited & Admitted for Rs.....
Rs: 8,49,58,031-00
.....

Rs:8,23,24,332-00 by Cheque and Rs.26,33,699-00 by Adjustment

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Accts. Supdt.
Project Division
B.B.M.P.

Exe. Engineer
Project Division
B.B.M.P

1/8/18

Initials of Officer Making Payment

61/08 **Executive Engineer**

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Package-1 1.Improvement of drains and resurfacing to roads in SFS 208 area in ward no.03, Attur. 2.Improvement of drains and resurfacing to roads in SFS 407 area in ward no.03, Attur. 3.Improvement of drains and resurfacing to roads in SFS 707 area in ward no.03, Attur. 4.Improvement of drains and resurfacing to roads in Industrial area in ward no.03, Attur. 5.Improvement of Roads and drains in CHS 707 area in ward no.03, Attur.

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Removing & Refixing Stone Slabs of drains and Pointing in C.M(1:3).	Sqm	14393.61	102.0	1468148.22	–	–	14392.69	102.0	1468054.79	14392.69	1468054.79
2	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 7.5cm thick	Sqm	5423.67	849.0	4604695.83	–	–	5423.60	849.0	4604635.98	5423.60	4604635.98
3	Providing precast slab of 100 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge- Data rate	Sqm	1948.40	2415.0	4705386.00	–	–	1948.32	2415.0	4705192.80	1948.32	4705192.80
4	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	Cum	8309.46	225.0	1869628.50	–	–	8302.20	225.0	1867994.27	8302.20	1867994.27

5	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	448.86	6827.0	3064367.22	-	-	448.84	6827.0	3064231- ~~3064239.21~~	448.84	3064231- ~~3064239.21~~
6	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.23/I.5.9)/ PWD SR 2016-17	Cum	67.54	6772.0	457353.79	-	-	67.49	6772.0	457042- ~~457049.05~~	67.49	457042- ~~457049.05~~
7	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates at 0.78cum and fine aggregates at 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms.thick, well compacted, in foundation, plinth and cills including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	9.65	7103.0	68529.74	-	-	9.65	7103.0	68544- ~~68529.74~~	9.65	68544- ~~68529.74~~

8	Providing precast slab of 250 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge- (Data rate)	Sqm	160.80	5877.0	945021.60	–	–	160.80	5877.0	945021.60	160.80	945021.60
9	. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1km and complete as per specifications.	Cum	4863.14	177.0	860775.78	–	–	4861.97	177.0	860568.65	4861.97	860568.65
10	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per	Sqm	13194.55	7.0	92361.85	–	–	13194.55	7.0	92361.85	13194.55	92361.85
11	Construction of granular sub-base by providing close graded material, crushed stone aggregates of granite/trap/basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method.Close graded granular sub-base material as per 400-1 For Grading-II Material	Cum	3093.47	2126.0	6576722.54	–	–	3092.71	2126.0	6575101- ~~6575110.50~~	3092.71	6575101- ~~6575110.50~~

12	Wet Mix Macadam Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	4991.07	2256.0	11259853.92	–	–	4990.88	2256.0	11259425- ~~11259414.00~~	4990.88	11259425- ~~11259414.00~~
13	Providing and applying primer coat with ss bitumen emulsion on prepared surface of granular base such as WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications.	Sqm	37795.60	36.0	1360641.60	–	–	37794.25	36.0	1360593.00	37794.25	1360593.00
14	Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications	Cum	1839.72	9089.0	16721192.36	–	–	1839.38	9089.0	16718125- ~~16718119.37~~	1839.38	16718125- ~~16718119.37~~

15	Providing and applying tack coat with bitumen emulsion using 80/100 grade bitumen (VG20) on the prepared black toped suface at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all materials, labour, HOM of Machineries complete as per Specifications.	Sqm	56359.65	15.0	845394.75	–	–	56359.55	15.0	845393.25	56359.55	845393.25
16	15. Providing, laying bituminousConcrete using 40/60 THP capacity H.M.P with Mechanical paver Gr-II (30mm to 45mm), crushed aggregates of specified grading premixed with 5.4% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade,rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No.500.9 complete in all respects complete as per specifications	Cum	2095.80	10364.0	21720876.38	–	–	2095.80	10364.0	21720871 21720844.25	2095.80	21720871- 21720844.25
17	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.	Cum	566.32	1056.0	598033.92	–	–	566.30	1056.0	598013- 598007.52	566.30	598013- 598007.52

18	Construction of un-reinforced plain cement concrete KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	424.74	7499.0	3185125.26	–	–	424.72	7499.0	3184975- 3184984.65	424.72	3184975- 3184984.65
19	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.	Sqm	2831.60	121.0	342623.60	–	–	2831.48	121.0	342608.48	2831.48	342608.48
20	Providing groove cutting for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. - for concrete pavement	mtr	1040.50	156.0	162318.00	–	–	1040.00	156.0	162240.00	1040.00	162240.00

21	Road marking with hot applied thermoplastic compound with reflect rising glass beads on bituminous surface- providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface to level, uniform and free from streaks and holes complete as per specifications.	Sqm	2007.00	693.0	1390851.00	–	–	2006.42	693.0	1390449 ~~1390445.60~~	2006.42	1390449 ~~1390445.60~~
22	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete	Nos	3520.00	424.0	1492480.00	–	–	3520.00	424.0	1492480.00	3520.00	1492480.00
23	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	Sqm	5250.00	78.0	409500.00	–	–	5248.89	78.0	409413.42	5248.89	409413.42

24	Road markers / Road stud KSRRB M800-35. Providing and fixing of road stud 100x 100 mm, diecast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS: 873 part 4:1973 complete as per specifications.	Nos	1666.67	459.0	765000.02	–	–	1666.00	459.0	764694.00	1666.00	764694.00
	Total				**84966881.88**					**84957995.97**		**84957995.97**

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

R: 8,49,58,031-4 R: 8.49.58,03

Contractor

Newzen Consultants Bangalore

Assistant Engineer
24/7/18

27/7/18
Asst. Executive Engineer,